In the Specification:

Please **add** a new heading at **page 1, above line 4**, as follows:

TITLE OF THE INVENTION

Please **replace** the Title at **page 1, line 4** with a replacement Title amended as follows:

~~A sensor arrangement~~ Sensor Arrangement to Prevent Reference Light Incident on Side of Photodiode

Please **add** a new heading at **page 1, above line 6**, as follows:

FIELD OF THE INVENTION

Please **add** a new heading at **page 1, above line 15**, as follows:

BACKGROUND INFORMATION

Please **add** a new heading at **page 2, above line 22**, as follows:

BRIEF SUMMARY OF THE INVENTION

Please **replace** the paragraph at **page 2, line 22 to page 3 line 5**, with a replacement paragraph amended as follows:

These problems are solved by a sensor arrangement having the features ~~of claim 1.~~ according to the present invention. The solution accordingly consists of a sensor arrangement, in particular as part of a reflection light barrier, comprising a carrier on which a photodiode, a first light emitting diode for the transmission of a measuring light beam, in particular a pulsed measuring

light beam, and a second light emitting diode for the transmission of a reference light beam, in particular a reference light beam pulsed offset in time with respect to the measuring light beam, and a light transmitting housing enclosing the photodiode and the two light emitting diodes are arranged, which is characterized in that the second light emitting diode is arranged on the carrier such that the reference light transmitted by it is essentially not incident on the photodiode from the side.

Please **add** a new heading at **page 4, above line 24**, as follows:

BRIEF DESCRIPTION OF THE DRAWINGS

Please **replace** the paragraph at **page 4, lines 24 to 26,** with a replacement paragraph amended as follows:

~~An embodiment~~ Embodiments of the invention **[[~~is~~]]** are represented in the ~~drawing~~ drawings and will be described in the following. ~~There is shown as the only Figure in a schematic representation~~

Please **replace** the paragraph at **page 5, lines 1 to 2,** with a replacement paragraph amended as follows:

Fig. 1 schematically shows a cross-section through a sensor arrangement in accordance with an embodiment of the invention.

Please **add** a new paragraph at **page 5, above line** 4, as follows:

Fig. 2 schematically shows a cross-section through a sensor arrangement similar to Fig. 1, but with an added lens according to a further embodiment of the invention.

Please **add** a new heading at **page 5, above line 4**, as follows:

DETAILED DESCRIPTION OF EXAMPLE EMBODIMENTS OF THE INVENTION

Please **replace** the paragraph at **page 5, lines 9 to 15,** with a replacement paragraph amended as follows:

A photodiode 3 and a first light emitting diode 4 are arranged next to one another on the first plane 2a, while a second light emitting diode 5 is provided on the second plane 2b. The photodiode 3 is located directly next to the second layer 1b of the carrier 1 and the height of the second layer 1b is selected to be somewhat larger than the height h of the photodiode 3. The first light emitting diode 4 is located spaced apart on the side of the photodiode 3 remote from the second light emitting diode 5.

Please **replace** the paragraph at **page 5, lines 17 to 27,** with a replacement paragraph amended as follows:

An encapsulant made from an epoxy resin is applied to the circuit board 1 and forms a housing 6 which receives the photodiode 3 and the two light emitting diodes 4 and 5. The first light emitting diode 4 is located in this process in a separate region of the housing 6 which is separated by

a crosstalk barrier (not shown here) from the photodiode 3 and from the second light emitting diode 5 such that light transmitted by the first light emitting diode 4 cannot be incident on the photodiode 3 from the side. A ~~lens, likewise not shown here, is moreover~~ lens 9, for example as schematically indicated in Fig. 2, can additionally be arranged in front of the first light emitting diode 4. On the other side, the housing 6 is formed with a chamfered surface 7, a so-called facet, in the region of the second light emitting diode 5.

Please **replace** the paragraph at **page 6, lines 8 to 14,** with a replacement paragraph amended as follows:

The second light emitting diode 5 is activated offset in time with respect to ~~it. It transmits~~ the operation of the first light emitting diode 4. The second light emitting diode 5 emits a reference light beam which is reflected at the walls of the housing 6 such that it is reflected onto the upper side 3a of the photodiode 3 in accordance with the arrows III and IV. The ambient light can be calculated **[[~~out~~]]** in a detection unit 10 (Fig. 2) by subtraction of the two signals. In addition, the reference light signal produced by the second light emitting diode 5 can be used for a regulation.

Please **delete** the paragraph at **page 10, lines 1 to 19.**

**[RESPONSE CONTINUES ON NEXT PAGE]**